

IFW



IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Serial No. : 10/535,000  
Applicants : Masakazu HATANO et al.  
Filed : May 16, 2005  
For : THERAPEUTIC AGENT FOR  
GLAUCOMA COMPRISING Rho  
KINASE INHIBITOR AND  
 $\beta$ -BLOCKER  
Art Unit : 1618  
Examiner : Zohreh FAY  
Docket No. : 05318/HG  
Confirm No. : 1933  
Customer No.: 01933

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Commissioner for Patents.  
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Alexandria, VA 22313-1450

*Dorothy DeFrancesco*  
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this as a Petition for the requisite  
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Paper to Account No. 06-1378.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAIL STOP AMENDMENT

S I R :

Submitted concomitantly herewith are the following:

- (1) A copy of a Supplementary Partial European Search  
Report, which issued in the counterpart European application;
- (2) IDS Forms. It is respectfully requested that initialed  
copies of the enclosed IDS Forms be returned to the undersigned  
to indicate that the publications listed therein have been  
considered and made of record; and

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.H./

(3) Copies of the non-U.S. patent documents cited in said IDS Forms.

Each of the cited publications in the enclosed Search Report is considered relevant or material to the patentability of the present claims in view of the citation thereof in said Search Report.

Said Search Report is in English, thereby satisfying the requirements for a concise explanation of relevance for the publications cited therein.

The following publication, which was cited in the enclosed Supplementary Partial European Search Report, was cited in the INFORMATION DISCLOSURE STATEMENT dated June 27, 2005:

HONJO MEGUMI et al., "Effects of Rho-associated protein kinase inhibitor Y-27632 on intraocular pressure and outflow facility," Investigative Ophthalmology & Visual Science, Association for Research in Vision, Vol. 42, No. 1, January 2001, pp. 137-144.

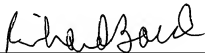
The following is a copending related application: Serial No. 10/525,986 (published as US 2005/0245509).

The enclosed IDS Forms include publications cited in application Serial No. 10/525,986.

Further submitted herewith is a corrected Sheet 2 of 2 of Form PTO/SB/08B dated June 27, 2005, which serves to correct a typographical error in the author's name of the first cited publication, namely "UEHARA, M. et al." was replaced with --UEHATA, M. et al.--.

Please substitute the enclosed Sheet 2 of 2 of Form PTO/SB/08B dated June 27, 2005 for the Sheet 2 of 2 of Form PTO/SB/08B filed on June 27, 2005.

Respectfully submitted,



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RSB/ddf

- Encs.: (1) copy of Supplementary Partial European Search Report dated June 4, 2007
- (2) IDS Forms
- (3) copies of non-U.S. documents cited on the enclosed IDS Forms

Please type a plus sign (+) inside this box →



U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

IDS FORM

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

AUG 16 2007

Application Number

10/535,000

Filing Date

May 16, 2005

First Named Inventor

Masakazu HATANO

Group Art Unit

1618

Examiner Name

Zohreh FAY

Sheet

1

of

2

Attorney Docket Number

05318/HG

## U.S. PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>2</sup>	Document Number	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		2005/0245509	A1	NAKAJIMA et al.	11-03-2005	
		4,952,581		BITO et al.	08-28-1990	

## FOREIGN PATENT DOCUMENTS

Exam Inits <sup>1</sup>	Cite No <sup>2</sup>	offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		WO	00/57914	A1	SANTEN PHARMACEUTICAL CO LTD	10-05-2000		a
		WO	00/25771	A1	SYNPHORA AB	05-11-2000		
		WO	90/02553	A1	PHARMACIA AB	03-22-1990		
		EP	308135	A2	K. K. UENO SEIYAKU	03-22-1989		
		WO	94/06433	A1	ALLERGAN INC	03-31-1994		
		EP	639563	A2	ALCON LAB INC	02-22-1995		
		WO	00/09162	A1	SENJU PHARMACEUTICAL CO	02-24-2000		a
		WO	98/06433	A1	YOSHITOMI PHARMACEUTICAL IND	02-19-1998		a

Abstract only

Examiner  
Signature

/Gigi Huang/

Date  
Considered

05/12/2009

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE: August 16, 2007

a ENGLISH-LANGUAGE ABSTRACT ENCLOSED

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IDS FORM  INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number		10/535,000	
			Filing Date		May 16, 2005	
			First Named Inventor		Masakazu HATANO	
			Group Art Unit		1618	
			Examiner Name		Zohreh FAY	
Sheet	2	of	2	Attorney Docket Number		05318/HG
OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published				T <sup>2</sup>
		<p>ABATE M.A. et al., "Effect of Naproxen and Sulindac on Blood Pressure Response to Atenolol," <u>DICP - ANNALS OF PHARMACOTHERAPY</u>, Vol. 24, no. 9, 1990, pp. 810-813</p> <p>ZHOU YAN et al., "Nonsteroidal Anti-Inflammatory Drugs Can Lower Amyloidogenic A<math>\beta</math>, by Inhibiting Rho," <u>Science</u>, Vol. 302, no. 5648, 14 November 2003, pp. 1215-1217</p> <p>HONJO et al., "Effects of Protein Kinase Inhibitor, HA1077, on Intraocular Pressure and Outflow Facility in Rabbit Eyes," <u>Archives of Ophthalmology</u>, Vol. 119, no. 8, August 2001, pp. 1171-1178</p> <p>DATABASE WPI Week 200060, Derwent Publications Ltd., London, GB; AN 2000-628321 of WO 00/57914 (Santen Pharmaceutical Co., Ltd.; Oct. 5, 2002)</p> <p>CLARK A.F. et al., "Advances in Glaucoma Therapeutics," <u>Expert Opinion of Emerging Drugs</u>, 2002, United Kingdom, Vol. 7, no. 1, May 2002, pp. 141-163</p>				
Examiner Signature		/Gigi Huang/		Date Considered	05/12/2009	

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DATE: August 16, 2007



Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number		10/535,000	
			Filing Date		MAY 16, 2005	
			First Named Inventor		Masakazu HATANO	
			Group Art Unit		1618	
			Examiner Name		Zohreh FAY	
Sheet	2	of	2	Attorney Docket Number		05318/HG
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No.†	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published				T‡
		<p>UEHATA, M. et al., "Calcium Sensitization of Smooth Muscle Mediated by a Rho-Associated Protein Kinase in Hypertension," <u>Nature</u>, (1997), <u>382</u>, pp. 990 to 994.</p> <p>Mariko ASAHII et al., "Ryokunaisho to Ryokunaisho Chiryō Yakuzai (Fukuyaki Shido Manual II, Dai 10 Kai)," <u>The Pharmaceuticals Monthly</u>, (1996), <u>38(9)</u>, pp. 2311 to 2331.</p> <p>Kuniteru SHIRATO, "I. Ryokunaisho no Yakubutsu Ryōho 1. Gairon" (Chiryōyaku no Sentaku o Dou Kangaerunka)," ("Some Practical Aspect in Medical Therapy") Ganka, (2002), <u>44(11)</u>, pp. 1443 to 1448.</p> <p>Tatsuro FUKUCHI, "I. Ryokunaisho no Yakubutsu Ryōho 2. Ryokunaisho Chiryōyaku C. Kokan Shinkei Sogaiyaku β Shadanyaku," ("β-Adrenergic Antagonists") Ganka, (2002), <u>44(11)</u>, pp. 1458 to 1463.</p> <p>Ikuo AZUMA et al., "Effects of Bunazosin Hydrochloride Ophthalmic Solution in Combination with Timolol Maleate Ophthalmic Solution in Patients with Open-Angle Glaucoma and Ocular Hypertension-Comparison with Dipivefrin Hydrochloride Ophthalmic Solution," <u>The Journal of the Eye</u>, (2002), <u>19(2)</u>, pp. 261 to 266.</p> <p>Yuichiro OTAKE et al., "Effect and Safety of Combined Therapy with Betaxolol and isopropyl Unoprostone," <u>The Journal of the Eye</u>, (2000), <u>17(5)</u>, pp. 687 to 690.</p> <p>Hideki TOKUSHIGE, "ROCK Sogaiyaku to Ryokunaisho" ("ROCK Inhibitor and Glaucoma"), <u>BIO Clinica</u>, (2002), <u>17(13)</u>, pp. 1191 to 1194.</p> <p>HOYNG, P.F.J. et al., "Pharmacological Therapy for Glaucoma," <u>Drugs</u>, (2000), <u>59(3)</u>, pp. 411 to 434.</p> <p>Megumi HONJO et al., "Effects of Rho-Associated Protein Kinase Inhibitor Y-27632 on Intraocular Pressure and Outflow Facility," <u>Invest. Ophthalmol. &amp; Vis. Sci.</u>, Vol. 42, No. 1 (2001), pp. 137-144.</p> <p>P. Vasantha RAO et al., "Modulation of Aqueous Humor Outflow Facility by the Rho Kinase-Specific Inhibitor Y-27632," <u>Invest. Ophthalmol. &amp; Vis. Sci.</u>, Vol. 42, No. 5 (2001), pp. 1029-1037.</p>				
Examiner Signature	/Gigi Huang/			Date Considered	05/12/2009	

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DATE MAILED: JUNE 27, 2005

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